HEATSTORE

Installation and Operating Instructions

HSP Panel Convector Heaters

INHSUKP5RG Issue 2

Dimensions
(millimetres)

Model(s)	Watt	A	B
HSP 750 SX/TSX/NCX	750	620	108
HSP 1250 SX/TSX/NCX	1250	688	108
HSP 1500 SX/TSX/NCX	1500	688	108
HSP 2000 SX/TSX/NCX	2000	860	108
HSP 3000 SX/TSX/NCX	3000	860	143

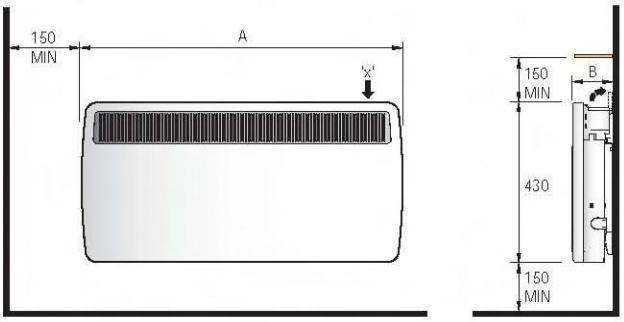


Fig. 1

IMPORTANT: THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE

Important Safety Advice

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons, including the following:

IMPORTANT – The wall brackets supplied with the appliance must be used.

IMPORTANT – If the heater is installed in a room containing a bath or shower, it must be so installed that switches and other controls cannot be touched by a person using a bath or shower.

WARNING - DO NOT USE THIS HEATER IN THE IMMEDIATE SURROUNDINGS OF A BATH, A SHOWER OR A SWIMMING POOL.

Do not use outdoors.

Do not locate the heater immediately below a fixed socket outlet or connection box.

Do not cover the heater. Do not place material or garments on the heater, or obstruct the air circulation around the heater, for instance by curtains or pushing furniture up against the heater, as this could cause overheating and a fire risk.

NEVER cover or obstruct in any way the heat outlet slots at the top of the heater or the air inlet slots in the base of the heater.

WARNING – THE SURFACES OF THIS HEATER CAN BE HOT. Momentary contact with any part of the heater should not cause injury. However, aged or infirm persons or young children should not be left unsupervised in the vicinity of the heater unless a suitable guard is fitted.

This appliance is not intended for use by children or other persons without assistance or supervision if their physical, sensory or mental capabilities prevent them from using it safely. Children should be supervised to ensure that they do not play with the appliance.

Note that due care and consideration must be taken when using this heater in series with a thermal control, a program controller, a timer or any other device that switches on the heat automatically, since a fire risk exists when the heater is accidentally covered or displaced.

If the supply cord is damaged it must be replaced by the manufacturer or service agent or a similarly qualified person in order to avoid a hazard.

Electrical

WARNING – THIS APPLIANCE MUST BE EARTHED

The electrical installation must be carried out by a competent electrician, and be in strict accordance with the current I.E.E. regulations for Electrical Equipment in Buildings.

The heater is fitted with a length of flexible cable type H05VV-F size 3 x 1.0mm^2 on models HSP750 - 2000 and size 3 x 1.5mm^2 on HSP3000 models, for connection to the fixed wiring of the premises through a suitable connection box positioned adjacent to the heater.

The supply circuit to the heater must incorporate a double pole isolating switch having a contact separation of at least 3mm.

Supplementary Earth Bonding

Should Equipotential Earth Bonding be required the earthing conductor in the supply cord is deemed to provide the supplementary bonding connection (see Regulation 547-03-05, 16th Edition I.E.E. Wiring Regulations).

General

The HSP Convector is designed for wall mounting on the wall brackets supplied. It should only be operated when in the upright position as shown.

All models are splashproof to IP24 standard.

Models HSP...TSX are fitted with a 24 hour programmable timer.

Models HSP...NCX are fitted with no controls, for use with external thermostatic or programming controllers.

Before connecting the heater check that the supply voltage is the same as that stated on the heater.

Wall Mounting

IMPORTANT The wall brackets supplied with the appliance must be used. The heater should be positioned observing the minimum clearances stated around the heater - see **Fig. 1**.

DO NOT locate the heater immediately below a fixed socket outlet or connection box.

1. Remove wall mounting bracket from the back of the heater by depressing the spring latch at the top of each bracket - see **Fig. 2**.
2. Fix the wall bracket securely to the wall through the four screw holes provided.
3. Present the heater to the wall bracket, and engage lower slots in the back with bracket.
4. Raise the heater to upright position and push the heater onto brackets to engage top latch.

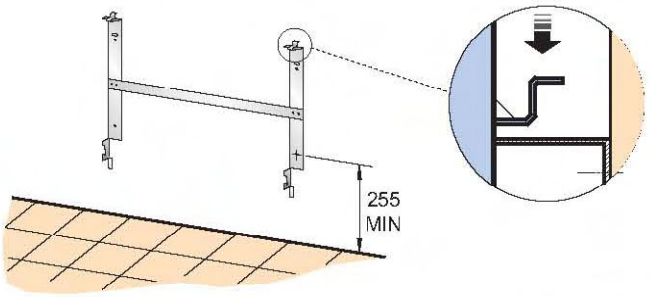


Fig. 2

Access to the controls

The controls cover (see 'x' in **Fig. 1**) on your heater has a latch which may be locked shut if desired using a small bladed screwdriver - see **Fig. 3**.

To open the cover insert the blade of the screwdriver in the small slot and rotate a quarter of a turn clockwise to disengage the latch. The cover may then be hinged back towards the wall for access to the controls.

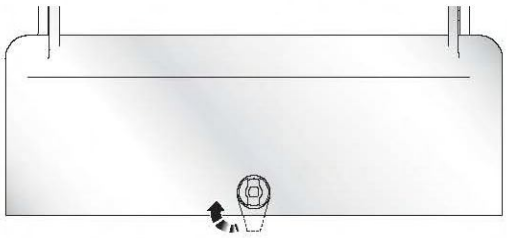


Fig. 3

Operation - Thermostat only models

Control of Output and Temperature (see **Fig. 4**)

The switch marked **O** and **I** controls the electricity supply to the heating elements. The OFF position is marked **O**.

The switch marked **I - II** (half heat – full heat) provides a choice of output as desired.

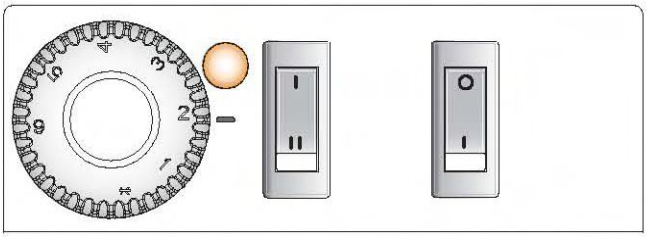


Fig. 4

Thermostat Operation

The heater is fitted with an adjustable thermostat enabling the room temperature to be controlled by adjusting the setting accordingly. The * setting represents a room temperature of approximately 5°C and may be used for protection against frost. Higher temperature settings range from 1-6 (max.) creating a room temperature of approximately 30°C.

A neon indicator light glows when the appliance is actually heating.

Switch on the heater and turn the thermostat knob to mark 6 opposite the indicator mark (located on centre right of the knob - see **Fig. 4** & **5**), and set selector switch to full heat output to warm the room rapidly. When the room temperature has reached the desired level, turn the thermostat knob back slowly until the thermostat just clicks off. The heater will then maintain the room temperature at the chosen level, provided that the correct size of heater has been selected for the room to be heated.

NOTE – Should your heater fail to come on when the thermostat knob is at a low setting, this may be due to the room temperature being higher than the thermostat setting.

Operation - TSX Timer Models

Control of Output and Temperature (see **Fig. 5**)

The slide switch on the timer unit controls the electricity supply to the heating elements on TSX models.

The switch marked **I - II** (half heat – full heat) provides a choice of output as desired.

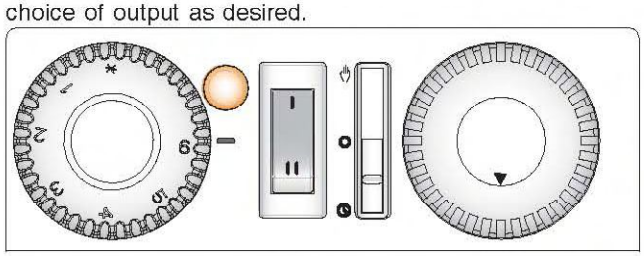


Fig. 5

Thermostat Operation

- see above.

Using the Timer

The heater must be connected to the electricity supply for the timer to operate. Set the timer by rotating the dial clockwise until the correct time of day is indicated opposite the datum mark (located at centre front of the timer - see **Fig. 5**).

'OFF' Position

Set the timer switch to O position. The timer operates but the heater will not output any heat, as the electricity supply to the heating elements has been disconnected.

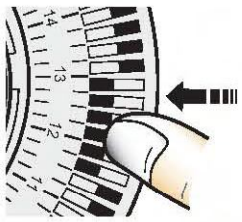
Manual Operation

Set the timer switch to ✋ position. The heater will now operate continuously under the control of the thermostat - see 'Thermostat Operation' above.

Automatic Operation

Set the timer switch to ⏲ position. The panel will now operate during set 'ON' periods under the control of the thermostat.

To set the timer's 'ON' and 'OFF' periods:



1. Using your finger tip or the tip of a pencil, push in as many segments as necessary around the dial, according to the times you don't require heat – see **Fig. 6**. Each segment pushed in switches the heater OFF for that part of the hour. All other segments will be 'ON'.

2. You can select as many 'ON' periods as you like, within the 24-hour day. The settings will repeat every day until changed.

3. To change 'ON' and 'OFF' times, simply push in any 'ON' segments you wish to cancel and pull out new 'ON' segments as required.

Note: On T**S**X models each segment on the timer represents 20 mins.

The programme may be over-ridden at any time by switching to ✋ or ○ and can be reinstated by switching back to ⏲ setting.

Safety - Overheat protection

For your safety this appliance is fitted with a thermal cut out. In the event that the product overheats for some reason, the cut-out prevents excessive temperatures on the product by cutting the power to the heater. Once the heater has cooled down, it will reset automatically, it will continue to cycle on and off automatically until the reason for overheating is removed.

Cleaning

Before commencing cleaning, unplug the heater and allow it to cool. Disconnect the electricity supply to the appliance.

The outside can be cleaned by wiping it over with a soft damp cloth and then dried. Do not use abrasive cleaning powders or furniture polish, as this can damage the surface finish.

To release heater from the wall bracket for cleaning or redecoration, depress latch on both brackets (see **Fig. 2**) and hinge forward.

After Sales Service

Your appliance is guaranteed for two years from the date of purchase. We undertake to repair or exchange free of charge within this period any part found to be defective due to a manufacturing fault.

This guarantee in no way prejudices your rights under common law and is offered in addition to consumers statutory rights.

If your appliance requires service or does not seem to be working correctly, please return it to your supplier or telephone Heatstore: Tel 0117 9235375.

Please do not initially return a faulty appliance or part of an appliance to us as this may result in transit damage and / or delay in providing service. Let us know your difficulty quoting the model number and series letter of the appliance. We will then take the appropriate action.

Please retain your receipt as proof of purchase.

Recycling

For electrical products sold within the European Community.

At the end of the electrical products useful life it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.

CE The product complies with the European Safety Standards EN60335-2-30 and the European Standard Electromagnetic Compatibility (EMC) EN55014, EN60555-2 and EN60555-3. These cover the essential requirements of EEC Directives 2006/95/EC and 2004/108/EC

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